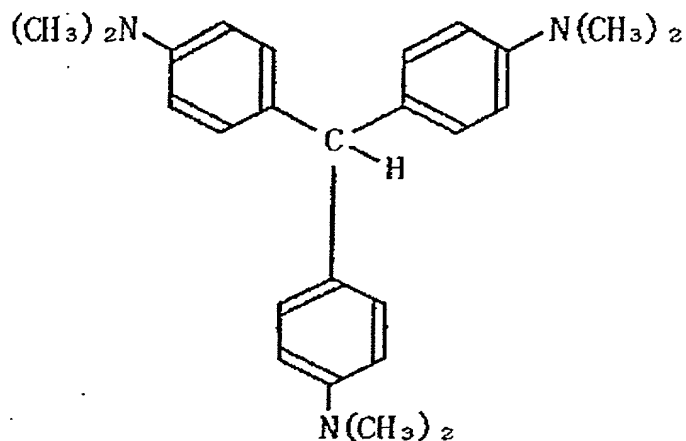


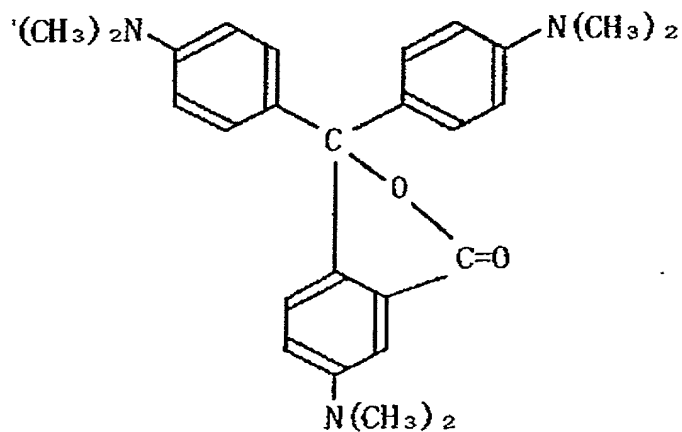
FIG. 1



PIGMENT NAME: LEUCOCRYSTAL VIOLET

MANUFACTURER: TOKYO KASEI KOGYO

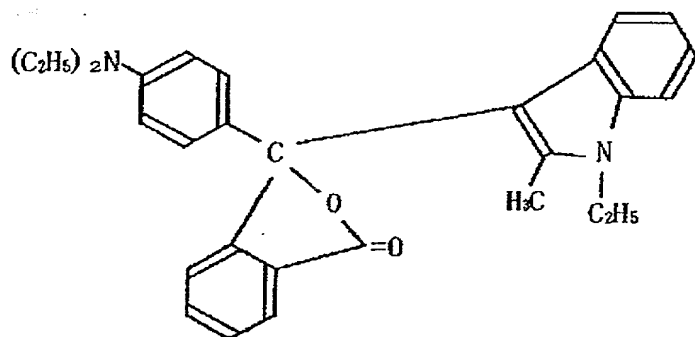
FIG. 2



PIGMENT NAME: CRYSTAL VIOLET LACTONE

MANUFACTURER: TOKYO KASEI KOGYO

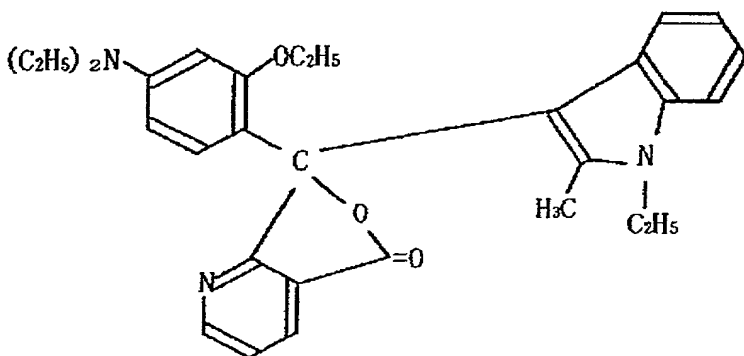
FIG. 3



PIGMENT NAME: BLUE-200

MANUFACTURER: HODOGAYA CHEMICAL INDUSTRY

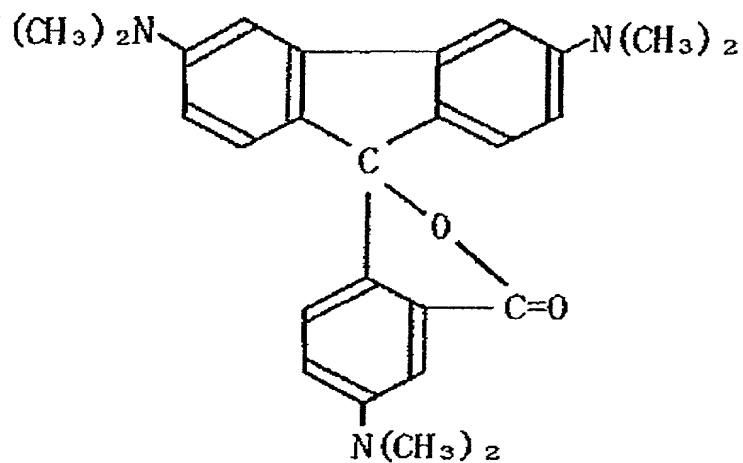
FIG. 4



PIGMENT NAME: BLUE-63

MANUFACTURER: YAMAMOTO CHEMICAL

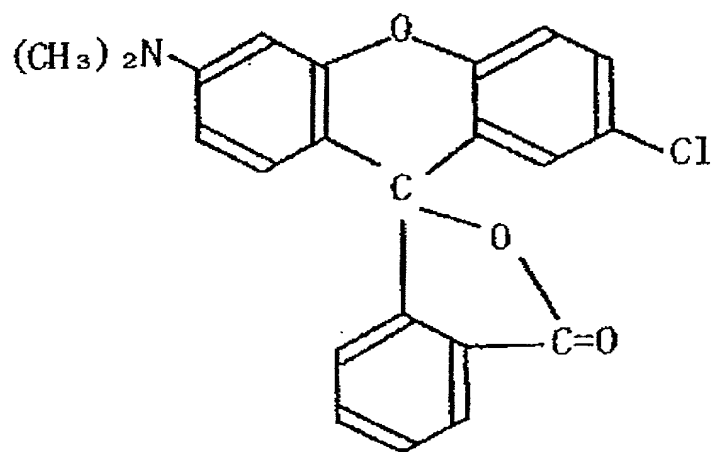
FIG.5



PIGMENT NAME: G-118

MANUFACTURER: YAMAMOTO CHEMICAL

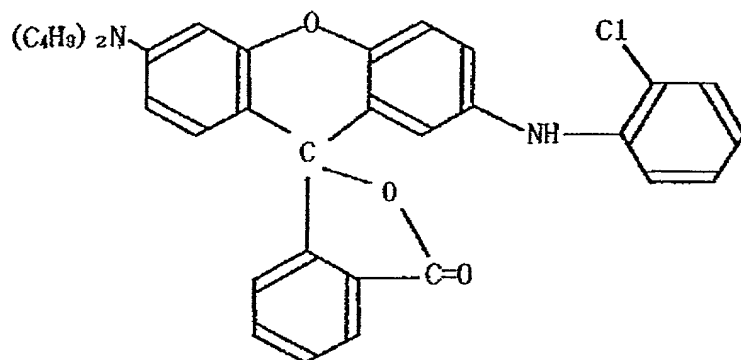
FIG.6



PIGMENT NAME: PSD-HR

MANUFACTURER: NIPPON SODA

FIG. 7



PIGMENT NAME: TH-107

MANUFACTURER: HODOGAYA CHEMICAL INDUSTRY

FIG. 8

EXAMPLE 1

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	TETRAMETHYLTHIURAM MONOSULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 9

EXAMPLE 2

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 10

EXAMPLE 3

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	2-BENZOTHAZOLYL DIETHYLDITHIOCARBAMATE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 11

EXAMPLE 4

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRAMETHYLTHIURAM MONOSULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 12

EXAMPLE 5

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 13

EXAMPLE 6

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	2-BENZOTHAZOLYL DIETHYLDITHIOCARBAMATE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 14

EXAMPLE 7

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	TETRAMETHYLTHIURAM MONOSULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHE XANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 15

EXAMPLE 8

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 16

EXAMPLE 9

(1) PIGMENT (DYE)	PSD-HR : 0.5
(2) COLORING ASSISTANT	2-BENZOTHAZOLYL DIETHYLDITHIOCARBAMATE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 17

EXAMPLE 10

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRAMETHYLTHIURAM MONOSULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 18

EXAMPLE 11

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 19

EXAMPLE 12

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	2-BENZOTHAZOLYL DIETHYLDITHIOCARBAMATE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 20

EXAMPLE 13

(1) PIGMENT (DYE)	NC-BLUE-5 : 0.2
(2) COLORING ASSISTANT	2-MERCAPTOBENZOTHAZOLE : 2
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 21

EXAMPLE 14

(1) PIGMENT (DYE)	NC-BLUE-5 : 0.2
(2) COLORING ASSISTANT	2-MERCAPTOBENZOTHAZOLE : 2
(3) DISCOLORATION PREVENTING AGENT	4,4'-(1- α -METHYLBENZYLIDENE)BISPHENOL : 3.0
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 22

EXAMPLE 15

(1) PIGMENT (DYE)	PSD-3G : 0.5
(2) COLORING ASSISTANT	2-AMINO-5-MERCAPTO-1,3,4-THIADIAZOLE : 0.4
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	VINYL BUTYRAL : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 23

EXAMPLE 16

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 1.6
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 4
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 24

EXAMPLE 17

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	TETRA-n-BUTYLTHIURAM DISULFIDE : 1.6
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 4
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 25

EXAMPLE 18

(1) PIGMENT (DYE)	TH-107 : 0.5
(2) COLORING ASSISTANT	2-BENZOTHAZOLYL DIETHYLDITHIOCARBAMATE : 1.6
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 4
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	MIXTURE OF METHYL ETHYL KETONE AND TOLUENE (9:1) : ABOUT 85

FIG. 26

EXAMPLE 19

(1) PIGMENT (DYE)	NC-BLUE-5 : 0.2 + PARAROSANILINE : 0.05
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 27

EXAMPLE 20

(1) PIGMENT (DYE)	NC-BLUE-5 : 0.2 + PARAROSANILINE : 0.05
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	4,4'-(1- α -METHYLBENZYLIDENE)BISPHENOL : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 28

EXAMPLE 21

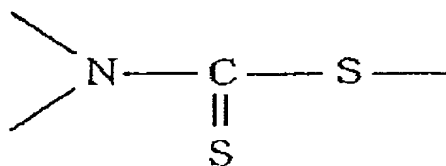
(1) PIGMENT (DYE)	PSD-HR : 0.5 + VICTORIA BLUE : 0.05
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	NONE
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 29

EXAMPLE 22

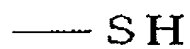
(1) PIGMENT (DYE)	PSD-HR : 0.5 + VICTORIA BLUE : 0.05
(2) COLORING ASSISTANT	TETRAETHYLTHIURAM DISULFIDE : 2.5
(3) DISCOLORATION PREVENTING AGENT	1,1-BIS(4-HYDROXYPHENYL)CYCLOHEXANE : 5
(4) BINDER	ETHYL CELLULOSE : 12.5
(5) SOLVENT	METHYL ETHYL KETONE : ABOUT 85

FIG. 30



(CHEMICAL FORMULA 1)

FIG. 31



(CHEMICAL FORMULA 2)